

CONFIGURABLE BASIC RATE INTERFACE

ABSTRACT

A network device with a configurable interface. The device has at least two communication ports. An interface in communication with the ports is configurable as to the network layer, or layer 2 and 3, and the physical layer, or layer 1. The interface includes at least two lines for transmitting data and two lines for receiving data and a processor that determines the data transmitted and received. The processor controls the data in accordance with the configuration parameters of the interface, which are each independently selectable.

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